

L3 ANSWER 80 OF 161 CA COPYRIGHT 2005 ACS on STN  
 AN 124:93886 CA  
 ED Entered STN: 14 Feb 1996  
 TI Inorganic compositions and method for forming a heat-resistant anticorrosive coating, especially on steel  
 IN Lee, Chwen-Chern; Lee, Show-Wei  
 PA Taiwan  
 SO Brit. UK Pat. Appl., 38 pp.  
 CODEN: BAXXDU  
 DT Patent  
 LA English  
 IC ICM C09D005-08  
 CC 55-6 (Ferrous Metals and Alloys)  
 Section cross-reference(s): 42, 58  
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2286977	A1	19950906	GB 1994-3510	19940224
PRAI	GB 1994-3510		19940224		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
GB 2286977	ICM	C09D005-08
GB 2286977	ECLA	C04B028/26; C04B035/44; C04B035/63B2; C04B035/63B4

AB The compns. comprise a curable powder containing a hydraulic Ca aluminate compound,  $\geq 1$  reinforcing oxides, and a binder solution containing an alkali-metal silicate and a phosphate. Addnl. the compns. may contain a pigment. A composition containing Ca aluminate (formed from Al<sub>2</sub>O<sub>3</sub> 100, limestone 43, clay 2, and Fe<sub>2</sub>O<sub>3</sub> 0.2 weight parts and containing Al<sub>2</sub>O<sub>3</sub> 79.4, CaO 18.8, SiO<sub>2</sub> 1.4, and Fe<sub>2</sub>O<sub>3</sub> 0.20 weight%) 100, MgO 10, Al<sub>2</sub>O<sub>3</sub> 5, and other minor oxide 1 weight parts, and a suitable amount of pigment, was prepared  
 ST heat resistant anticorrosive inorg coating steel; pigment hydraulic calcium aluminate coating; binder alumina magnesia oxide coating; alkali metal silicate binder coating  
 IT Binding materials  
 (alkali metal silicate solution; inorg. compns. and method for forming a hydraulic Ca aluminate-, binder-, pigment-, and reinforcing oxide-containing heat-resistant anticorrosive coating on steel)  
 IT Spinel-group minerals